

NorthMet PSDEIS - DRAFT Chapter 5 Aquatic Comments - 08/03/2012

Commenter Name/Agency: MDNR/USACE/USFS

| Comment # | Line # | Comments |
|-----------|--------|---|
| 1 | 20 | Insert a comma after conclusions |
| 2 | 21 | Insert a comma after 5.2.2 |
| 3 | 24 | The following bullets have a negative connotation. My recommendation is remain neutral. |
| 4 | 25 | Please indent bullets! Also -- the way this is structured, each of the bullet points need to be capitalized and have periods. Only use lower case and semi-colons if they are all part of one sentence. Please apply to all chapters of SDEIS. |
| 5 | 25 | Delete "non-attainment of" |
| 6 | 27 | Delete "degraded" |
| 7 | 29 | Delete "degradation of" |
| 8 | 31 | Delete "adverse". Is this first use of ETSC, SGCN, and RFSS is this chapter. If so, and if each chapter should stand alone, then first use of these acronyms should be spelled out and defined. |
| 9 | 50 | "... at the time of the exchange." I don't believe the exchange has happened yet. |
| 10 | 54 | Delete: "Based on the availability of data" |
| 11 | 58 | Ditto #25 |
| 12 | 58 | This may be the first use of the acronym "MIH". If so, spell it out. Define MIH. |
| 13 | 60 | "changes in the length of stream segments by habitat" I am not sure what this means. |
| 14 | 77 | The definition for frontage index should be moved to line #71. |
| 15 | 77 | Delete "(a measure of shoreline per acre of land)" This was already stated on Line 72. |
| 16 | 79 | Verify that the superscript "2" at the top of the last column. The reference to Frontage Index. Verify that the note at the bottom of the table for the Frontage Index is consistent with the definition on Line 72. |
| 17 | 80 | This may have been discussed elsewhere. If not, I recommend providing more information describing the Strahler Stream Orders. What constitutes the 1st order, 2nd order, and 3rd order. Are these the only three orders? |
| 18 | 83 | When spelled out, "second order", "third order", etc. should be hyphenated. Revise throughout SDEIS. |
| 19 | 96 | This sentence make it sound like the rivers are non-perennial. Are they? |
| 20 | 99 | More information is required for the RCI. What do the scores stand for? |
| 21 | 106 | Define and provide discussion on ACI in the following paragraph. |
| 22 | 108 | delete "significantly" |
| 23 | 110 | The notes at the bottom of the table clump culverts, bridges, and dams. Yet, these structures are broken out separately in the table. Why? Explain why the number of structures are averaged under "Lands Acquired". Why not worst case? |
| 24 | 120 | A figure should be provided or referenced showing the locations of the survey sites on both federal and non-federal lands. |
| 25 | 122 | List the 11 species in common. |
| 26 | 123 | List the nine species. Which are the tolerant and non-tolerant species? |
| 27 | 127 | "The attributes..." What are the attributes? |
| 28 | 128 | Why would the attributes result in minimal change to fish habitat? |
| 29 | 129 | What are the dominant species? |
| 30 | 131 | Was "MCAB_05RN024 survey site" mentioned in Chapter 4? If not, need to define. |
| 31 | 134 | I am not quite sure what the superscript 1 note means at the bottom of the table. Should the header at the top of this column be something other than "Total Species" if total is not additive? |
| 32 | 139 | This is the first time that the HBI pollution index is referenced. What is it? |
| 33 | 157 | See comments for Line 31. |
| 34 | 160 | List the six new potential SGCN species? I count nine species in Table 5.3.6-7. |
| 35 | 167 | The 7 sites should be depicted on a figure. |
| 36 | 169 | SGCN species have been documented. Where, how, by who? |
| 37 | 185 | Delete "Under the No Action Alternative" It is stated in the heading and first paragraph in this section. |
| 38 | 189 | Is this the first use of NPDES/SDS in this chapter? If so, first use should be spelled out and the discussion referenced if elsewhere in the document. |
| 39 | 190 | Is this first discussion of the Cliffs Erie Consent Order in this chapter? What is it? Was it discussed elsewhere? |
| 40 | 192 | See comment on Line 189. |
| 41 | 202 | Check space between "(MIH 14). The" |
| 42 | 203 | Delete "(a measure of shoreline per acre of land)" This was already stated on Line 72. |
| 43 | 205 | Note a - Is it necessary to state that "The surface water features are synonymous with MIH 14? It's the title for the heading of the section. See Line 79 for comment on superscript - Frontage Index is referenced by superscript 1. The last column for Frontage Index has a 2. Verify the definition for Frontage Index (see comment for Line 79). |
| 44 | 230 | The notes at the bottom of the table clump culverts, bridges, and dams. Yet, these structures are broken out separately in the table. Why? |
| 45 | 237 | A figure should be provided or referenced showing the locations of the survey sites. |

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| 46 | 240 | Table 5.3.6-11 should be Table 5.3.6-12. |
| 47 | 251 | Table 5.3.6-12 should be Table 5.3.6-13. |
| 48 | 253 | A qualitative comparison... macroinvertebrate likely would remain the same. Support this statement. |
| 49 | 264 | Table 5.3.6-13 should be Table 5.3.6-14. |